

M 5.4, Mindanao, Philippines

Origin Time: 2023-12-05 00:34:30 UTC (Tue 08:34:30 local)
Location: 8.9514° N 126.6223° E Depth: 43.7 km

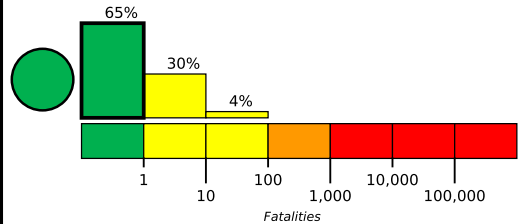
PAGER
Version 3

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

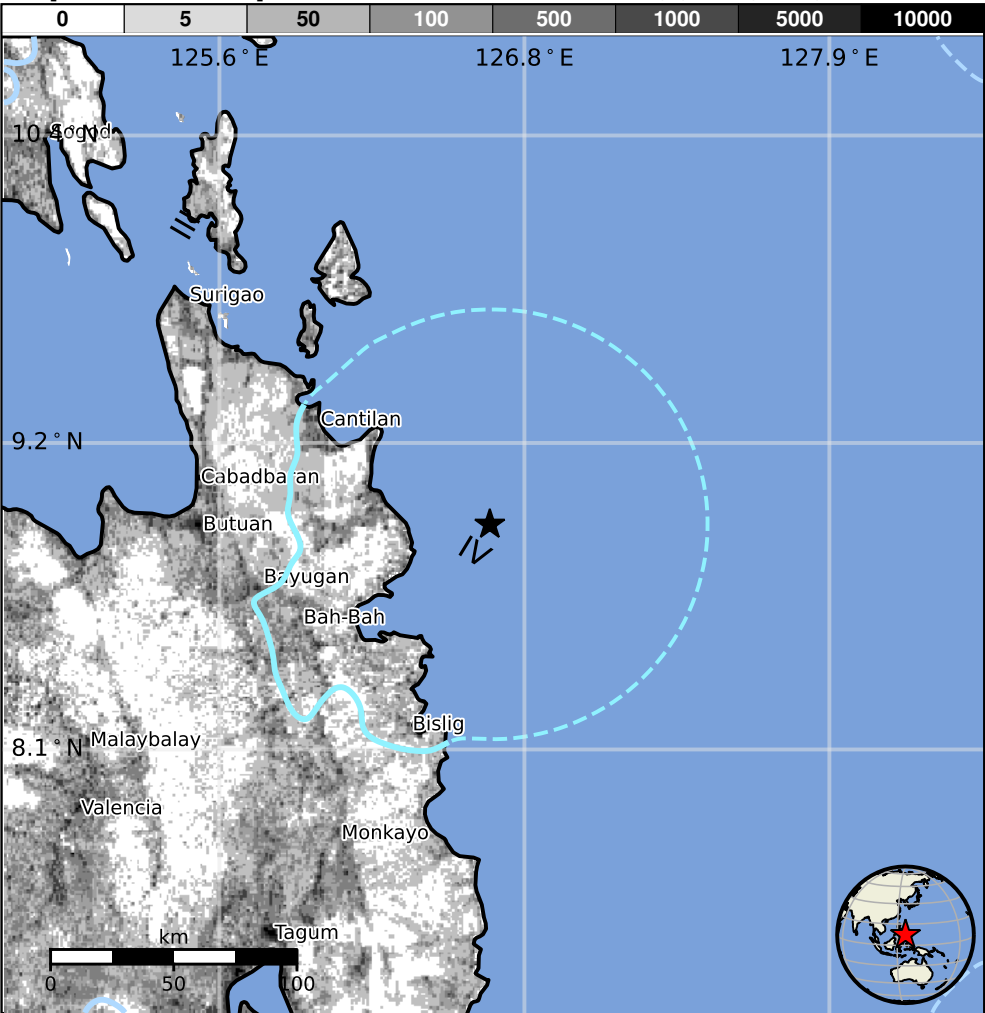


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	6,811k	983k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-12-15	348	4.8	VI(34k)	1
1987-05-23	162	5.7	VII(70k)	1
1989-12-15	65	7.5	VIII(1k)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Bayabas	<1k
IV	Cagwait	<1k
IV	Marihatag	4k
IV	Aras-asan	5k
IV	Tago	6k
IV	Bacolod	2k
III	Butuan	310k
III	Libertad	250k
III	Surigao	88k
III	Magugpo	233k
III	Panabo	85k